AMENDMENTS TO THE ABSTRACT:

Please amend the Abstract as follows:

~~Methods and systems for analysing data~~ Data from a monitoring system is analyzed for monitoring characteristics of a dynamic system~~,~~. ~~said monitoring system providing characteristic~~ Characteristic data in respect of a dynamic system is monitored and provided with at least one known normal state~~,~~. ~~the analysis system comprising: means (100) for receiving characteristic~~ characteristic data is recevied from ~~the~~ a monitoring system~~, means (101) for receiving~~ and confirmation information from an operator when the dynamic system is in a known normal state~~,~~. ~~normality modelling means (105) for deriving a~~ A normality model is derived including comprising data indicative of known normal states in response to received characteristic data and confirmation information~~,~~. ~~prediction generating means (105) for predicting future~~ Future characteristic data is predicted from the normality model~~, difference function providing means (105) for providing~~ a difference function is provided indicating an acceptable difference between predicted and received characteristic data~~,~~. ~~and comparison means (105) for comparing predicted~~ Predicted characteristic data is compared with received characteristic data in conjunction with the difference function and ~~producing~~ an abnormality signal is produced if the difference exceeds the difference function.